

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

THAMBOO et al.

Atty. Ref.: 839-1439

Serial No. 10/604,633

Group: unknown

Filed: August 6, 2003

Examiner: Unknown

For: TURBINE ROTOR HEAT TREATMENT PROCESS

\* \* \* \* \*

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

**EXCLUSIVE SUBSTITUTE POWER OF ATTORNEY  
AND EXCLUSIVE PROSECUTION HEREAFTER BY  
ASSIGNEE UNDER 37 C.F.R. §§ 1.36, 3.71 AND 3.73**

The undersigned being the owner of all right, title and interest in the above-identified patent application, hereby revokes all previous powers of attorney in this case, if any, and hereby appoints the attorneys of **Customer Number 30024** individually and collectively its attorneys to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith, and with the resulting patent.

I also authorize Nixon & Vanderhye to act and rely solely on instructions communicated from the person, attorney, firm or other organization sending instructions to Nixon & Vanderhye on behalf of the owner.

**Certificate Under 37 C.F.R. §3.73(b)**

I hereby certify that General Electric Company of 1 River Road, Schenectady, NY 12345 is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventors to the aforesaid assignee, a copy of the assignment being attached.

I have reviewed the documents in the chain of title of the patent application identified above, and to the best of my knowledge and belief, title is in the aforesaid assignee for which I am empowered to act in this matter.

I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

**GENERAL ELECTRIC COMPANY**

8/6/2003 By: Ernest G. Cusick  
Date Name: Ernest G. Cusick  
Title: Patent Counsel

ASSIGNMENT

In accordance with obligations entered into pursuant to an Employee Innovation and Proprietary Information Agreement or other agreement and/or for other good and valuable consideration of which we acknowledge receipt, we, Samuel Vinod Thamboo and Michael Francis Henry, of 41 Utica Avenue, Latham, New York 12110; 1302 Rowe Road, Schenectady, New York 12309; hereby sell and assign to General Electric Company, a New York Corporation, having an address at 1 River Road, Schenectady, New York 12345, USA, (hereinafter referred to as "Company"), its successors and assigns our entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by us and described in the application for United States Patent currently entitled TURBINE ROTOR HEAT TREATMENT PROCESS and 131107

- ☒ signed as of even date,  
☐ signed as of \_\_\_\_\_, or  
☐ filed on \_\_\_\_\_ having Serial Number \_\_\_\_\_

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, we will communicate to said Company or its representatives or nominees any facts known to us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

Samuel Vinod Thamboo  
Samuel Vinod Thamboo

Aug 4, 2003  
Date

Witnessed by:

Name: [Signature]  
Signature of witness  
Ling Yang  
Printed name of witness

Date: 8/4/2003

Name: \_\_\_\_\_  
Signature of witness  
\_\_\_\_\_  
Printed name of witness

Date: \_\_\_\_\_

STATE OF NEW YORK

ss):

COUNTY OF SCHENECTADY

This 4 day of AUGUST, 2003, before me personally came the above-named, Samuel Vinod Thamboo, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

[Signature]  
Notary Public

My Commission Expires: \_\_\_\_\_

MELANIE J. HAGIN  
Notary Public, State Of New York  
No. 01HA4883639  
Qualified In Saratoga County  
Commission Expires Jan. 20, 2007

Michael Francis Henry  
Michael Francis Henry

07/30/2003

Date

Witnessed by:

Name:

Signature of witness

Date:

Printed name of witness

Name:

Signature of witness

Date:

Printed name of witness

STATE OF New York

ss):

COUNTY OF Schenectady

This 30<sup>th</sup> day of July, 2003, before me personally came the above-named, Michael Francis Henry, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Kathy L. Parks

Notary Public

My Commission Expires:

December 31, 2003

KATHY L. PARKS  
Notary Public in the State of New York  
Residing in Schenectady County  
Commission Expires December 31, 2003